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Defectus exigui Lunaribus Observationes, Grenovici habitæ Junii 16. 1684 p. m. n. seq. à Johanne Flamsteedio. Math. Reg.

Difficillima fuerit parvæ hujus *Eclipsis* observatio, propter obliquam *lunæ* in umbram terræ Incidentiam, Umbræque ipsius tenuitatem, per quam limbum *Lunæ*, media etiam *Eclipsi*, satis distincte cernere potuimus. Partes *diametri* tunc ab umbra vera deficientes, propter confusos ejus terminos accurate definire non licuit. Distantiam ergo cœpi inter cuspides male definitos, circa medium defectus, è qua dictæ partes facile deduci possint, & cum erroris minore periculo Coelum habuimus toto tempore *Eclipsis* satis serenum. Observata sic se habent.

| Tempora per horolog. oscillator. | | | Tempora vera ab obs. Correc. | | | 1684 Junii 16. | | |
|--|----|----|------------------------------------|----|----|---------------------------------------|----|------|
| b | ' | " | b | ' | " | | | |
| 13 | 40 | 40 | 13 | 31 | 08 | <i>Eclipsis</i> minæ | | ' " |
| 14 | 04 | 30 | 54 | 58 | | <i>Lunæ</i> diameter tubo ped 16 e- | 31 | 57 ! |
| | 6 | 40 | | 57 | 08 | rat 6405 | | |
| 12 | 00 | | 14 | 02 | 28 | rep. 6430 | 32 | 04 * |
| | 16 | 00 | | 6 | 28 | <i>Penumbra</i> densa forsan initi- | | |
| | | | | | | um, | | |
| | 18 | 00 | | 8 | 28 | <i>Umbra</i> limbum supra finam te- | | |
| | 21 | 36 | | 12 | 04 | meraverat, | | |
| | | | | | | <i>Umbra</i> certe intra discum | | ' " |
| | 26 | 00 | | 16 | 28 | <i>Chorda</i> peripheriæ obscura - | 8 | 20 |
| | 36 | 00 | | 26 | 28 | tæ 1670 | | |
| | 42 | 00 | | 32 | 28 | rep. 2010 | 10 | 01 |
| | | | | | | iter. 2290 | 11 | 25 |
| | | | | | | Decrevit <i>Eclipsis</i> sensibiliter | | |

| | | | | | | | |
|----|----|----|----|--|-----------|--------------|----|
| 43 | 00 | 33 | 28 | Inter Cuspides obscur. | iter-1895 | 9 | 27 |
| 50 | 00 | 40 | 28 | Finis sed dubius mihi | | | |
| 54 | 00 | 44 | 28 | Finita certe, ministro Fabro | | | |
| | | | | Consentiente | | | |
| 57 | 00 | 47 | 28 | Penumbra densa | | | |
| 15 | 11 | 00 | 15 | 01 | 28 | Etiam adhuc. | |
| 20 | 00 | 10 | 28 | Limbus <i>Austrinus</i> haud adhuc | | | |
| | | | | limbi <i>borei</i> claritudinem re- | | | |
| | | | | cuperaverat. Sed lux ejus he- | | | |
| | | | | betior quam in limbo <i>boreo</i> , ut | | | |
| | | | | in prima observatione appa- | | | |
| | | | | ruit. | | | |